

**Utah Department of Environmental Quality
Division of Solid and Hazardous Waste
FACT SHEET**



**March
2009**

Class 3 Permit Modification

Autoclave Subpart X Treatment Unit and Drum Ventilation Systems (DVS) and Drum Ventilation System Sorting Room (DVSSR) Operations at the Tooele Chemical Agent Disposal Facility (TOCDF), Utah

The Tooele Chemical Agent Disposal Facility (TOCDF), located approximately 15 miles south of Tooele, Utah, is preparing to install and operate an Autoclave (Subpart X Treatment Unit) in Igloo 1631 for treatment of secondary wastes currently in storage in Area 10 of the Deseret Chemical Depot (DCD). DCD also intends to perform waste monitoring and sorting operations for secondary waste stored in drums in the Drum Ventilation System (DVS) and the Drum Ventilation System Sorting Room (DVSSR) in Igloo 1632.

The Utah Division of Solid and Hazardous Waste (DSHW) oversees and has permitted operations at TOCDF under the Resource Conservation and Recovery Act (RCRA). RCRA is a federal law written to protect human health and the environment, reduce waste, conserve energy, and to reduce or eliminate the generation of hazardous waste. RCRA is codified under the Code of Federal Regulations, title 40, parts 260 through 299. The DSHW is authorized by the Environmental Protection Agency to enforce hazardous waste regulations in Utah. The State of Utah has codified its own rules under the Utah Administrative Code (the Rules) Sections R315-1 to R315-9, R315-12 to R315-14, R315-16, R315-50, R315-101, and R315-102.

TOCDF is proposing to headspace monitor waste in the DVS using real-time air monitors (ACAMS) to determine handling requirements, and to sort waste in the DVSSR into common waste matrices. Drums which hold DPE suits will be managed according to agent threshold levels determined through

headspace monitoring. With the exception of DPE suits, all other secondary wastes will be treated in the Autoclave until monitoring tests are conducted to prove other wastes can be safely managed off-site without further treatment. The Autoclave will provide a treatment mechanism, in addition to the TOCDF Metal Parts Furnace (MPF) to eliminate the waste stored in Area 10. Operation of the Autoclave will provide for the elimination of secondary waste to be near concurrent with the elimination of the chemical stockpile.

The TOCDF will perform a demonstration test of their three highest volumes of waste in storage, DPE suits, Life Support System (LSS) hoses, and wood. Additional testing will be conducted to demonstrate successful treatment of additional wastes at a later date.

In accordance with R315-3-6.3(b)(5), the Executive Secretary of the Solid and Hazardous Waste Control Board has determined that operation of the Autoclave will be protective of human health and the environment. The Executive Secretary proposes to allow the Permittees to test the autoclave as outlined in the Demonstration Test Plan and Shakedown Plan. The revised permit language is available for public review and comment.

The revised permit language may be viewed at the locations listed below.

- DSHW Offices, Martha Hughes Cannon Health Building, 4th floor, 288 North 1460 West, Salt Lake City, Utah, between the hours of 7:00 a.m. and 5:30 p.m., Monday through Thursday.

- Tooele Chemical Stockpile Outreach Office, 54 South Main Street, Tooele, Utah, during normal business hours.

In accordance with R315-4-1.10, a Public Comment Period is being held to collect public input concerning this changed language.

The comment period is scheduled to begin March 10, 2009, and will conclude April 24, 2009. A public hearing will be held on April 16, 2009, at 5:00 p.m. at the Tooele County Administrative Building, South Auditorium, 47 South Main Street, Tooele, Utah, concerning the permit change language. Public comments will be collected at the hearing. Anyone wishing to make comments is welcome to do so at the hearing or to submit written comments to the following address:

Mr. Dennis R. Downs
Executive Secretary
Utah Solid and Hazardous Waste Control Board
P.O. Box 144880
Salt Lake City, UT 84114-4880

Written comments on this modification must be received no later than 6:00 p.m. on April 24, 2009. Public comments will be considered in the Executive Secretary's final decision.

Additional Information:

If you would like more detailed information or have questions please contact:

Marty Gray or Deborah Ng
DEQ / DSHW

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http://www.hazardouswaste.utah.gov/HWBranch/CDSection/CDS_PV_A.htm